

STATUS OF THE CLAIMS:

1. (Currently Amended) A magnetic encoder mounted on a bearing unit, comprising:
 - a reinforcing ring; and
 - a multi-pole magnet for detecting the rotation speed thereof, wherein:
the said multi-pole magnet is attached to the outside surface of the said reinforcing ring, and
 - a peelable protective cover made of magnetic rubber and adhesively and peelably is attached to the surface of the said multi-pole magnet by magnetic force attraction therebetween.
2. (Currently Amended) The magnetic encoder according to claim 1, wherein:
the said protective cover is provided with a handle.
3. (Canceled)
4. (Currently Amended) ~~A~~ The magnetic encoder according to claim 1 mounted on a bearing unit comprising a reinforcing ring and a multi-pole magnet for detecting the rotation speed thereof, wherein:
the said multi-pole magnet is attached to the outside surface of the said reinforcing ring, and a film-shaped protective cover is attached to the surface of the said multi-pole magnet.
5. (Currently Amended) The magnetic encoder according to claim 4, wherein:
the said protective cover is colored.

6. (Currently Amended) A bearing unit with an attached magnetic encoder mounted on the bearing unit, comprising :

a reinforcing ring , and

a multi-pole magnet for detecting the rotation speed thereof, wherein:

the said multi-pole magnet is attached to the outside surface of the said reinforcing ring, and a ~~peelable~~ protective cover is made of magnetic rubber and adhesively and peelably attached to the surface thereof; and wherein:

the said protective cover is adapted to be removed from the surface of the said multi-pole magnet after the magnetic encoder has been mounted on the bearing unit.

7. (Canceled)

8. (Currently Amended) The bearing unit with an attached magnetic encoder according to claim 6, wherein:

the said protective cover is provided with a handle.

9. (Canceled)

10. (Canceled)

11. (currently amended) The bearing unit with an attached magnetic encoder according to claim 6, wherein:

the said magnetic encoder is combined with a seal member having seal lips, and is mounted on the bearing unit.

12. (Canceled)

13. (Canceled)

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14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (New) The magnetic encoder according to claim 1, wherein:
said protective cover is made of magnetic rubber which was previously
magnetized.

18. (New) The magnetic encoder according to claim 1, wherein:
said protective cover is colored for discriminating its specie.